

Chapter 2

DEFINITIONS

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2.1. Mechanized Materials Handling Systems (MMHS).

2.1.1. MMHS includes equipment, techniques, process controllers, and equipment shelters required to handle materials in a proven, systematic, mechanized manner. Types of MMHS systems include:

- 2.1.1.1. All types of conveyors (powered or nonpowered).
- 2.1.1.2. Wire, radio, rail, light, and laser guided vehicles (with or without an operator).
- 2.1.1.3. Automated storage/retrieval systems (AS/RS).
- 2.1.1.4. Robots (within a materials handling environment).
- 2.1.1.5. Carousel storage systems (horizontal and vertical).
- 2.1.1.6. Overhead trolleys.
- 2.1.1.7. In-floor tow cart systems.
- 2.1.1.8. Affixed cranes (bridge, trolley, jib, or gantry).
- 2.1.1.9. Lifts (scissors or hydraulic), such as pallet build-up/breakdown lifts.
- 2.1.1.10. Pneumatic tube systems.
- 2.1.1.11. Racks and bins as an integral part of the above systems.
- 2.1.1.12. Combinations of the above. MMHS does not include systems that require research and development. MMHS must be either "off-the-shelf" or made from off-the-shelf components. MMHS does not include equipment which is item managed, unless included as part of a total system. If a system does not meet the above criteria, HQ AFMC/LGS (the Air Force Program Manager) will decide whether it qualifies under the MMHS program.

2.2. Storage Aids Systems (SAS). SAS includes all types of general purpose racks, shelves, and bins. It also includes any support equipment required to provide a completely functional storage system, or specialized function within a larger system.

2.3. Forms.

- 2.3.1. AF Form 601, "Equipment Action Request."
- 2.3.2. AF Form 813, "Request for Environmental Impact Analysis."

2.3.3. DD Form 250, "Material Inspection and Receiving Report."

2.3.4. DD Form 1391, "Military Construction Project Data."

2.3.5. DD Form 1423, "Contract Data Requirements List."

2.3.6. DD Form 1664, "Data Item Description."

2.4. Regulations/Manuals.

2.4.1. AFMAN 23-110, USAF Supply Manual.

2.4.2. AFR 172-1, USAF Budget and Procedures.

2.4.3. AFP 178-8, Economic Analysis Procedures Handbook.

2.4.4. AFR 19-1, Pollution Abatement and Environmental Quality.

2.4.5. AFR 19-2, Environmental Impact Analysis Process (EIAP).

2.4.6. AFR 57-4, Modification Approval and Management.

2.4.7. AFR 170-10, Air Force Industrial Fund.

2.4.8. AFR 173-15, Economic Analysis and Program Evaluation for Resource Management.

2.4.9. DODI 4105.59-H, DOD Directory of Contract Administration and Services Components.

2.4.10. NAVSUP Publication 529, Warehouse Modernization and Layout Planning Guide.

Attachment 2A1
GLOSSARY

AFE MS - Air Force Equipment Management System

AFIF - Air Force Industrial Fund

AFM - Air Force Manual

AFMC - Air Force Materiel Command

AFP - Air Force Pamphlet

AFR - Air Force Regulation

ALC - Air Logistics Center

AS/RS - Automated Storage/Retrieval Systems

ASC - Aeronautical Systems Center

BCA - Base Cost Analyst

BES - Budget Estimate Submission

BP - Budget Program

BPO - Base Project Officer

CAS - Contract Administration Services

CDRL - Contract Data Requirements List

CE - Civil Engineering

CEMO - Command Equipment Management Officer

CONUS - Continental United States

COS - Chief of Supply

DMS- Depot Maintenance Service

DRMO - Defense Reutilization & Marketing Office

DRU - Direct Reporting Units

EA - Economic Analysis

FY - Fiscal Year

IOE - Initial Outfitting Equipment

MAJCOM - Major Command

MCP - Military Construction Program

MMHS - Mechanized Materials Handling Systems

O&M - Operations & Maintenance

OPN - One Page Narrative
OPR - Office of Primary Responsibility
PD - Purchase Description
PE - Personnel Equivalents
POM - Program Objective Memorandum
PWS - Performance Work Statement
PY - Program Year
QAR - Quality Assurance Representative
RADS - Rapid Area Distribution Support
SAS - Storage Aids Systems
SOA - Separate Operating Agencies